Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
Data File : VY014472.D
Acq On : 28 Jun 2023 11:52
Operator : KP/MD
Sample : VY0628SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 29 02:14:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0628SBS01

Manual Integrations APPROVED
Reviewed By :Krupa Patel 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	238437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	357672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	153809	51.955	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.920%			
35) Dibromofluoromethane	7.716	113	117367	53.113	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.220%			
50) Toluene-d8	10.179	98	448606	51.070	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.483	95	159266	50.787	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	45877	20.728	ug/l	97
3) Chloromethane	2.113	50	43440	20.056	ug/l	97
4) Vinyl Chloride	2.247	62	46281	19.605	ug/l	99
5) Bromomethane	2.625	94	43454	20.950	ug/l	95
6) Chloroethane	2.784	64	31756	20.308	ug/l	98
7) Trichlorofluoromethane	3.113	101	94318	20.236	ug/l	100
8) Diethyl Ether	3.528	74	29540	20.788	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	43299	19.656	ug/l	96
10) Methyl Iodide	4.082	142	47507	18.255	ug/l	96
11) Tert butyl alcohol	4.942	59	67076	170.892	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	43286	19.706	ug/l	91
13) Acrolein	3.723	56	42168	109.063	ug/l	99
14) Allyl chloride	4.479	41	70829	20.190	ug/l	95
15) Acrylonitrile	5.161	53	88106	110.881	ug/l	99
16) Acetone	3.942	43	94696	101.655	ug/l	99
17) Carbon Disulfide	4.192	76	134853	19.838	ug/l	99
18) Methyl Acetate	4.473	43	68998	21.545	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	141238	20.905	ug/l	98
20) Methylene Chloride	4.710	84	62682	19.961	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	47553	19.688	ug/l	96
22) Diisopropyl ether	6.119	45	141871	20.349	ug/l	95
23) Vinyl Acetate	6.058	43	448278	125.938	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	82658	19.966	ug/l	97
25) 2-Butanone	6.984	43	128707	110.930	ug/l	100
26) 2,2-Dichloropropane	6.978	77	86971	19.868	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	54497	20.044	ug/l	100
28) Bromochloromethane	7.338	49	40247	22.291	ug/l	85
29) Tetrahydrofuran	7.350	42	79279	114.592	ug/l	90
30) Chloroform	7.509	83	95836	20.521	ug/l	93
31) Cyclohexane	7.783	56	69704	19.062	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	87877	19.769	ug/l	99
36) 1,1-Dichloropropene	7.917	75	65816	19.328	ug/l	98
37) Ethyl Acetate	7.076	43	51561	21.971	ug/l	97
38) Carbon Tetrachloride	7.899	117	84032	19.610	ug/l	93
39) Methylcyclohexane	9.185	83	74354	18.979	ug/l	97
40) Benzene	8.161	78	195258	20.245	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.307	41	26464m	22.754	ug/l		
42) 1,2-Dichloroethane	8.234	62	76291	20.863	ug/l		99
43) Isopropyl Acetate	8.271	43	90080	21.738	ug/l		97
44) Trichloroethene	8.935	130	55223	19.943	ug/l		95
45) 1,2-Dichloropropane	9.216	63	47108	20.715	ug/l		90
46) Dibromomethane	9.307	93	33359	21.466	ug/l		98
47) Bromodichloromethane	9.496	83	73123	20.188	ug/l		93
48) Methyl methacrylate	9.295	41	42000	21.823	ug/l		97
49) 1,4-Dioxane	9.301	88	11261	463.435	ug/l	#	64
51) 4-Methyl-2-Pentanone	10.069	43	264598	113.136	ug/l		98
52) Toluene	10.246	92	127459	20.539	ug/l		97
53) t-1,3-Dichloropropene	10.465	75	80719	20.555	ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	83398	20.589	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	44926	21.589	ug/l		90
56) Ethyl methacrylate	10.508	69	63292	21.297	ug/l		94
57) 1,3-Dichloropropane	10.788	76	72859	20.816	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.783	63	156933	112.731	ug/l		94
59) 2-Hexanone	10.831	43	199925	113.443	ug/l		98
60) Dibromochloromethane	10.984	129	58203	21.084	ug/l		100
61) 1,2-Dibromoethane	11.087	107	44690	21.569	ug/l		99
64) Tetrachloroethene	10.721	164	58279	20.117	ug/l		94
65) Chlorobenzene	11.514	112	139074	19.884	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.587	131	55400	19.664	ug/l		98
67) Ethyl Benzene	11.593	91	240689	19.326	ug/l		99
68) m/p-Xylenes	11.703	106	191104	39.286	ug/l		98
69) o-Xylene	12.032	106	88706	19.164	ug/l		100
70) Styrene	12.044	104	155636	19.618	ug/l		99
71) Bromoform	12.209	173	43457	20.871	ug/l	#	99
73) Isopropylbenzene	12.331	105	235339	18.756	ug/l		100
74) N-amyl acetate	12.142	43	80754	20.322	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.581	83	56636	21.121	ug/l		98
76) 1,2,3-Trichloropropane	12.630	75	47642m	20.382	ug/l		
77) Bromobenzene	12.611	156	63058	19.329	ug/l		96
78) n-propylbenzene	12.672	91	286907	18.953	ug/l		98
79) 2-Chlorotoluene	12.758	91	165468	19.140	ug/l		97
80) 1,3,5-Trimethylbenzene	12.813	105	207876	19.152	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	20434	19.903	ug/l		94
82) 4-Chlorotoluene	12.855	91	181375	19.694	ug/l		100
83) tert-Butylbenzene	13.075	119	171772	18.460	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	208635	19.398	ug/l		99
85) sec-Butylbenzene	13.251	105	254587	18.920	ug/l		99
86) p-Isopropyltoluene	13.367	119	221096	18.977	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	125342	19.919	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	126255	19.958	ug/l		99
89) n-Butylbenzene	13.697	91	199521	18.743	ug/l		99
90) Hexachloroethane	13.965	117	41601	18.770	ug/l		92
91) 1,2-Dichlorobenzene	13.739	146	114620	19.953	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12751	21.515	ug/l		97
93) 1,2,4-Trichlorobenzene	15.007	180	74319	19.913	ug/l		100
94) Hexachlorobutadiene	15.111	225	43622	19.458	ug/l		99
95) Naphthalene	15.239	128	162028	20.193	ug/l		100
96) 1,2,3-Trichlorobenzene	15.422	180	67200	19.775	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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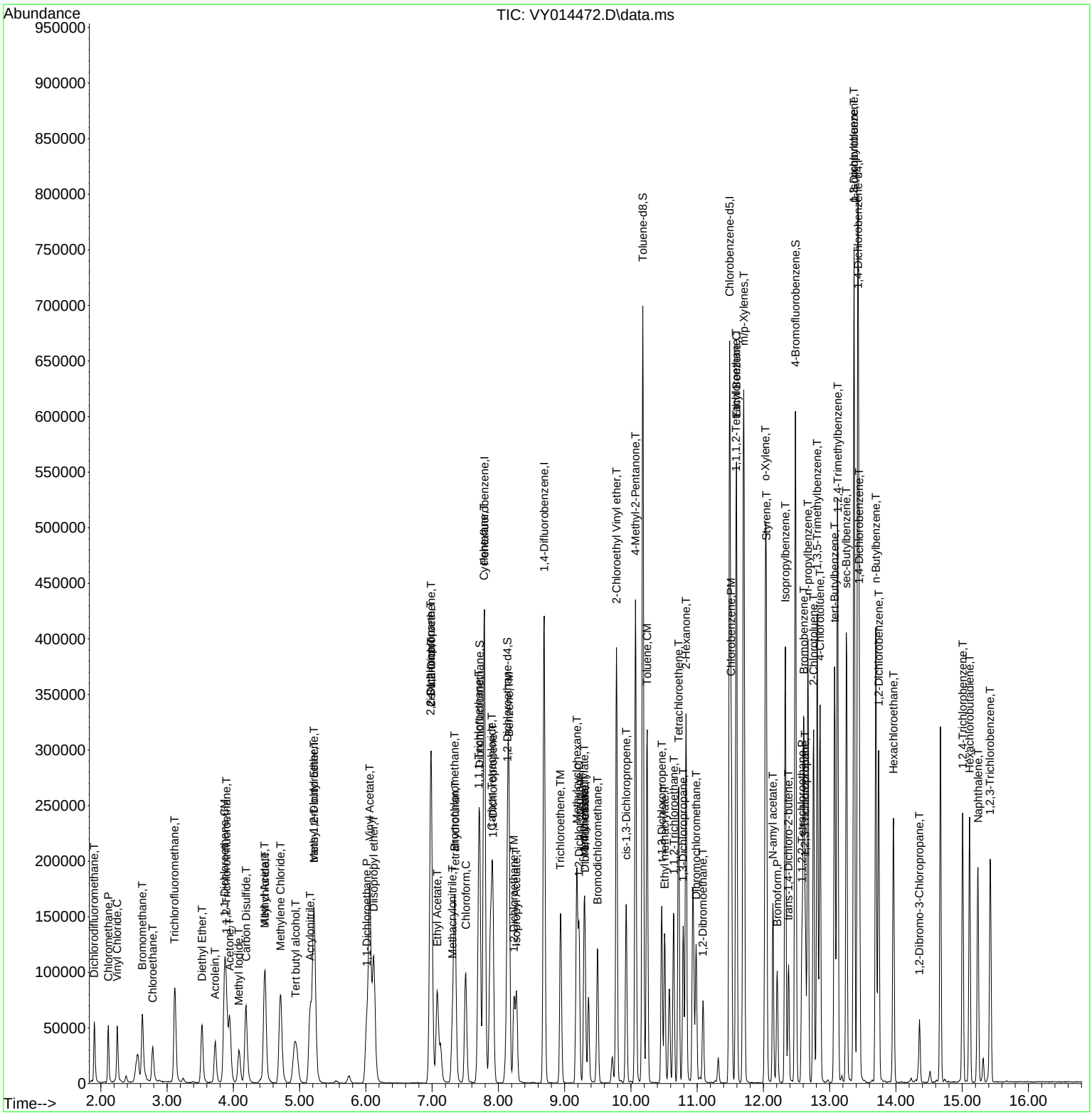
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